



## **Zenith City Police Department Headquarters**

Call received May 23, 11:05 hrs.

*Call Transcript (logged by Sgt. James Rollins, emergency line 3):* Zenith City resident Frank Simmons reports he was jogging along the nature trail in Wobegun State Park when he saw a bomb explode on the lake's shoreline. The bomb released a large amount of smoke and debris over the surface of the lake. He doesn't think anyone was hurt, but is not certain. He suspects maybe some kids built a homemade bomb and set it off as a prank. Police cruiser, Fire, and EMS dispatched.

<b>A MESSAGE FOR:</b> Police Chief White				
FROM	Lt. Harris, HazMat Field unit		DATE	May 23
OF	HazMat Bomb squad		TIME	12:15 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P.M.</span>
PHONE	(555) 555-1122		<input checked="" type="checkbox"/> URGENT	
	<small>AREA CODE</small>	<small>NUMBER</small>	<small>EXT.</small>	
<input checked="" type="checkbox"/> TELEPHONED	<input type="checkbox"/> CAME TO SEE YOU		<input type="checkbox"/> RETURNED YOUR CALL	
MESSAGE:	<input checked="" type="checkbox"/> PLEASE CALL		<input type="checkbox"/> WANTS TO SEE YOU <input type="checkbox"/> WILL CALL AGAIN	
<p>Lt. Harris called to say that the HazMat Bomb squad field unit was investigating the bomb site on the shore of Lake Wobegun. It looks like the bomb was detonated a few feet offshore right in line with the water utility's intakes. Their Geiger counters are screaming near the blast area. This was definately a RDD produced by a professional. He said, "No kid I know could fabricate such a bomb full of radioactive material."</p>				
<p>SIGNED <i>Kat D</i></p>				

Zenith City Fire  
Department

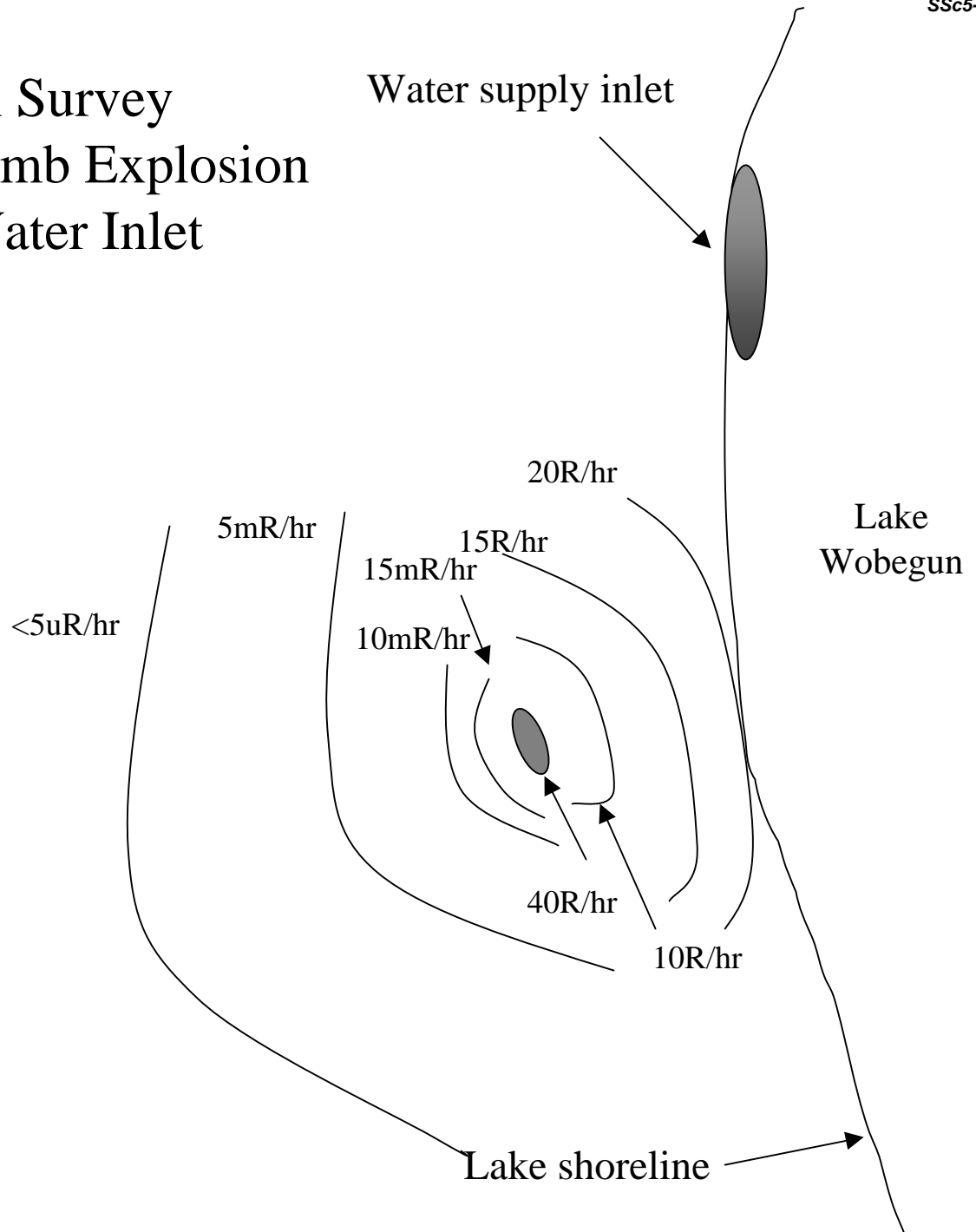
# Fax

To:	Zenith City Police Department	From:	HazMat Bomb Squad Field Unit
Fax:	(555) 555-3212	Pages:	2 (including this page)
Phone:	(555) 555-6543	Date:	05/23
Re:	Police Chief White	CC:	Brian Matthews

☒ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

- Comments: A preliminary site survey showing the extent of the radioactivity at the blast site and surrounding area is attached.

# Onsite Radiation Survey Of Suspected Dirty Bomb Explosion Lake Wobegun Water Inlet

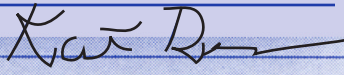





May 23, 15:35 hrs.

KWSD interrupts regularly scheduled programming to bring you further developments regarding the explosion on the shores of Lake Wobegun. A source at the water utility, who wishes to remain anonymous, has informed KWSD that the Zenith City Police are currently investigating a bombing at Lake Wobegun State Park. It is very possible that the lake water was intentionally contaminated with radioactive material contained in the bomb. For those of you who might not know it, Lake Wobegun supplies most Zenith City residents with drinking water, so many people might be affected by this act of vandalism or terrorism. KWSD plans to keep you informed during this developing situation. As more information becomes available, we'll be on scene to get the facts to you first. We now return you to your regularly scheduled programming.



<b>A MESSAGE FOR: Z.C. Police and Bomb Squad</b>			
FROM	Dr. Richard Morris	DATE	May 24
OF	ZenLab Analytical Services	TIME	9:30 <sup>A.M.</sup> <sub>P.M.</sub>
PHONE	(555) 555-1333		<input type="checkbox"/> URGENT
	<small>AREA CODE</small>	<small>NUMBER</small>	<small>EXT.</small>
<input checked="" type="checkbox"/> TELEPHONED	<input type="checkbox"/> CAME TO SEE YOU		<input type="checkbox"/> RETURNED YOUR CALL
MESSAGE:	<input checked="" type="checkbox"/> PLEASE CALL <input type="checkbox"/> WANTS TO SEE YOU <input type="checkbox"/> WILL CALL AGAIN		
<p>Dr. Morris has received your request for radioactive materials analyses on the samples from the Lake Wobegun blast site. He would like to conduct plutonium analysis based on the field information collected. However, ZenLab is not a fully certified rad lab so although he can measure radionuclides in water, he can't measure plutonium. In fact he thinks he's heard that only a single lab in the country has the capability to test for plutonium in water samples. He recommends we send the samples away for plutonium testing.</p>			
SIGNED 			

A MESSAGE FOR: Water Utility Manager						
FROM	Dan O'Shay, Chief Operator		DATE	May 24		
OF	Z.C. Water Treatment Plant		TIME	10:24 <sup>(A.M.)</sup> <sub>P.M.</sub>		
PHONE	(555) 555-8256			<input type="checkbox"/> URGENT		
	AREA CODE	NUMBER	EXT.			
<input checked="" type="checkbox"/>	TELEPHONED	<input type="checkbox"/>	CAME TO SEE YOU	<input type="checkbox"/>	RETURNED YOUR CALL	
MESSAGE:	<input checked="" type="checkbox"/>	PLEASE CALL	<input type="checkbox"/>	WANTS TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN
<p>Dan called wondering how the radioactive water is going to affect the Water Treatment Plant processes. He's guessing it could really do some damage to both the water treatment plant and the wastewater treatment plant. He wants to know what he should do.</p>						
SIGNED 						

<b>A MESSAGE FOR: Z.C. Police Chief White</b>			
FROM <u>Dr. Richard Morris</u>		DATE <u>May 24</u>	
OF <u>ZenLab Analytical Services</u>		TIME <u>1:50</u> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P.M.</span>	
PHONE <u>(555) 555-1333</u>		<input type="checkbox"/> URGENT	
<small>AREA CODE</small>		<small>NUMBER</small>	<small>EXT.</small>
<input checked="" type="checkbox"/> TELEPHONED		<input type="checkbox"/> CAME TO SEE YOU <input type="checkbox"/> RETURNED YOUR CALL	
MESSAGE: <input checked="" type="checkbox"/> PLEASE CALL <input type="checkbox"/> WANTS TO SEE YOU <input type="checkbox"/> WILL CALL AGAIN			
<p>Dr. Morris called to report that they've run some pre-liminary tests on the water and soil samples from the Lake Wobegun blast site. The radiochemistry tests show some really hot samples. The samples taken near the water supply inlet indicate a high reading of beta/gamma emitters; however, the alpha activity screen of the water was inconclusive. He will be faxing us results as soon as they're processed.</p>			
SIGNED <u>Kat D</u>			



123 Main Street, Jackson City, USA  
Phone (800) 444-1234 Fax (800) 444-1235

Upper Midwest  
Radiochemistry  
Laboratory

# Fax

To:	Zenith City Police Department	From:	Upper Midwest Radiochemistry Laboratory
Fax:	(555) 555-1122	Pages:	2 (Including this page)
Phone:	(555) 555-1121	Date:	05/24
Re:	Peter MacLaughlin	CC:	Caroline Smith

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- Comments: Your request for analytical services is complete. The results confirm that Lake Wobegun is contaminated with radiologicals.

**Upper Midwest Radiochemistry Laboratory**  
**441 West Industrial Road,**  
**Zenith City**

Date of Report: 05/24

Type of Report PRELIMINARY; EXPEDITED FOR SECURITY REASONS

Sample Type Water

Laboratory Sample Number	Field Sample Identifier	Method Sample Receipt Date	Sample Analysis Date	00-02			900			901.1		
				Gross Alpha Activity pCi/L	Gross Alpha Uncertainty pCi/L	Detection Limit pCi/L	Gross Beta Activity pCi/L	Gross Beta Uncertainty pCi/L	Detection Limit pCi/L	Gross Gamma Activity pCi/L	Gross Gamma Uncertainty pCi/L	Detection Limit pCi/L
042355	WAI-01	Date of I.	Date of I.	132	6.4	10	84,000	4,200	1000	54,000	4,500	1,000
042356	WAI-02	Date of I.	Date of I.	125	6.2	10	81,000	3,900	1000	51,000	4,500	1,000
042357	WAO-01	Date of I.	Date of I.	4.5	6.3	3	22.4	8.4	5	<10		10
042358	WAO-02	Date of I.	Date of I.	3.2	6.5	3	19.4	8.2	5	<10		10
042359	DPI-01	Date of I.	Date of I.	940	48.1	50	57,000,000	260,000	1000	42,000,000	240,000	1,000
042360	DPI-02	Date of I.	Date of I.	935	44.2	51	69,000,000	320,000	1000	36,000,000	210,000	1,000
042361	DEP-01	Date of I.	Date of I.	2150	255	50	763,000,000	35,000,000	1000	510,000,000	2,500,000	1,000
042362	DEP-02	Date of I.	Date of I.	2480	248	50	843,000,000	37,000,000	1000	540,000,000	2,700,000	1,000
042363	WWI-01	Date of I.	Date of I.	440	22	21.1	764,000	3,100	1000	483,000	2,100	1,000
042364	WWI-02	Date of I.	Date of I.	390	22.4	21.1	755,000	3,300	1000	454,000	2,100	1,000
042365	FBI-01	Date of I.	Date of I.	<10		10	<5		5	<10		10
042366	FBDPI-01	Date of I.	Date of I.	<10		10	<5		5	<10		10
042367	FBWW-01	Date of I.	Date of I.	<10		10	<5		5	<10		10

Sample Type Soil/Solids

Laboratory Sample Number	Field Sample Identifier	Method Sample Receipt Date	Sample Analysis Date	00-02			900			901.1		
				Gross Alpha Activity pCi/gm	Gross Alpha Uncertainty pCi/gm	Detection Limit pCi/gm	Gross Beta Activity pCi/gm	Gross Beta Uncertainty pCi/gm	Detection Limit pCi/gm	Gross Gamma Activity pCi/gm	Gross Gamma Uncertainty pCi/gm	Detection Limit pCi/gm
042368	BD-01	Date of I.	Date of I.	45,000	2100	50	2,500,000	220,000	5000	1,800,000	90,000	1,000
042369	BD-02	Date of I.	Date of I.	11,100,000	100,000	500	2,400,000,000	200,000,000	100,000	1,400,000,000	25,000,000	1,000

QC results will be provided in the Final Report